

Consumers Illinois Water Company - Vermilion
Docket No. 00-0337/00-0338/00-0339 Consolidated
Staff Exhibit 5.00, Schedule 5.01A

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Revenue Requirement Allocation"

Acct. No.	Account	Utility Cost	Staff Adjust	Net Cost	Base Cost	Extra Capacity Max Day	Max Hour	Billing	Customer Costs Meter	Services	Fire Service	Alloc. Code
ADMINISTRATIVE AND GENERAL												
601	Salaries and Wages-employees	87,309	0	87,309	30,786	9,456	3,961	26,901	8,745	6,537	894	10
603	Salaries and Wages-officers	45,912	0	45,912	16,185	4,972	2,093	14,146	4,599	3,438	470	10
604	Pensions and benefits *	300,545	0	300,545	106,011	32,549	13,703	92,601	30,102	22,502	3,077	10
631-636	Outside services	1,048,693	(224,523)	824,170	290,708	89,258	37,577	253,936	82,548	61,706	8,437	10
615	Purchased Power	4,353	0	4,353	1,535	471	198	1,341	436	326	45	10
616	Fuel for Power Prod.	0	0	0	0	0	0	0	0	0	0	10
656-659	Insurance	91,130	(4,567)	86,563	30,533	9,375	3,947	26,671	8,670	6,481	886	10
641-642	Rents	8,928	0	8,928	3,149	967	407	2,751	894	668	91	10
660	Transportation Exp.	4,164	0	4,164	1,469	451	190	1,283	417	312	43	10
620	Materials and Supplies	10,926	0	10,926	3,854	1,183	488	3,366	1,094	818	112	10
660	Advertising	0	0	0	0	0	0	0	0	0	0	10
666-667	Regulatory Expense	81,592	(10,430)	71,162	25,101	7,707	3,245	21,926	7,127	5,328	728	10
675	Misc. Expenses	37,268	(4,064)	33,204	11,712	3,596	1,514	10,231	3,326	2,486	340	10
PRO FORMA ADJUSTMENTS												
LABOR *		0	0	0	0	0	0	0	0	0	0	10
Fuel and Power		0	0	0	0	0	0	0	0	0	0	1
Chemicals		0	0	0	0	0	0	0	0	0	0	1
Waste Disposal		0	0	0	0	0	0	0	0	0	0	2
Management Fees		0	0	0	0	0	0	0	0	0	0	12
Group Insurance *		0	0	0	0	0	0	0	0	0	0	10
Pensions *		0	(3,496)	(3,496)	(1,233)	(379)	(159)	(1,077)	(350)	(262)	(36)	10
Regulatory Expenses		0	0	0	0	0	0	0	0	0	0	10
Insurance other *		0	0	0	0	0	0	0	0	0	0	10
Customer Accounting		0	0	0	0	0	0	0	0	0	0	5
Rents		0	0	0	0	0	0	0	0	0	0	10
General Office Expenses		0	0	0	0	0	0	0	0	0	0	10
Maintenance-other		0	0	0	0	0	0	0	0	0	0	10
Miscellaneous		0	0	0	0	0	0	0	0	0	0	10
SUBTOTAL OPER. & MAIN.		3,836,389	(296,533)	3,537,856	1,626,487	319,312	134,553	910,769	295,576	220,951	30,209	10
RECONCILIATION												
TOTAL OPERATION & MAINTENANCE		3,836,389	(296,533)	3,537,856	1,626,487	319,312	134,553	910,769	295,576	220,951	30,209	10
Depreciation		1,507,826	70,038	1,577,864	757,213	228,106	117,487	0	207,449	191,400	76,209	Dep Sch
Other Taxes		634,006	0	634,006	342,342	101,492	62,585	0	42,730	62,315	22,542	9
Income Taxes		1,337,564	(176,526)	1,161,038	626,921	185,869	114,610	0	78,251	114,116	41,281	9
Utility Operating Income		3,628,961	(286,716)	3,342,243	1,804,697	535,026	329,925	0	225,256	328,502	118,635	9
TOTAL REVENUES REQUIRED		10,944,746	(691,739)	10,253,007	5,157,660	1,369,794	759,161	910,769	849,264	917,284	289,077	
Less Special Tariff Revenues		0	0	0	0	0	0	0	0	0	0	
DIRECT CUSTOMER REVENUES		10,253,007		10,253,007	5,157,660	1,369,794	759,161	910,769	849,264	917,284	289,077	
Cross check =												

If available insert
Labor Percentages (Code 11) from utility
will affect items followed by *

0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%

	Net Cost	Base Cost	Max Day	Max Hour	Total
Acct. 662 allocated to small mains	58,559	34,620	10,791	13,147	
Small mains with overhead	88,960	52,593	16,394	19,973	
Total Expense less Adm. & General and less Pro Forma Adjustments	1,106,658	159,706	67,359		
% Small Mains to Total Expense	4.75%	10.26%	29.65%		
Small Mains with Adm. & General and Pro Forma Adjustments* Allocated	77,298	32,777	39,896		
Depreciation	86,006	27,568	30,959		
Other Taxes	38,884	12,266	16,492		
Income Taxes	71,207	22,462	30,201		
Utility Operating Income	204,981	64,661	86,938		
TOTAL REVENUES ALLOCATED TO SMALL MAINS	478,375	159,735	204,486		842,595
* excluding Fuel & Power, Chemical and Waste Disposal					
Revenue Requirement from Small Mains	Residential	Commercial	Industrial	Large General Service	Municipalities for Resale
Remove From Reallocation to Blocks	409,720	186,562	81,985	104,000	60,329
Net Adjustment	552,493	220,373	69,729	0	0
	142,773	33,811	(12,256)	(104,000)	(60,329)
					842,595
					842,595
					0

Customer Class	Annual Consumption			Max Day			Max Hour			Commercial		Equivalent Meters		Equivalent Services	
	Usage	MGD	%	Amt. MGD	Excess MGD	%	Amt. MGD	Excess MGD	%	Monthly Bills	%	Monthly No.	%	Monthly No.	%
Residential	1,304,091	2.672	40.15%	6,013	3,341	53.41%	8,819	6,147	40.22%	186,432	91.20%	191,426	79.38%	187,643	89.84%
Commercial	716,625	1.469	22.07%	2,864	1,385	22.31%	3,525	2,036	13.45%	14,880	7.28%	40,269	16.70%	19,551	9.36%
Industrial	421,549	0.864	12.98%	1,123	0.259	4.14%	1,469	0.605	3.96%	624	0.31%	8,484	3.52%	1,571	0.75%
Large General Service	534,747	1.096	16.47%	1,425	0.329	5.26%	1,863	0.767	5.02%	12	0.01%	12	0.00%	12	0.01%
Municipalities/Resale	238,554	0.489	7.35%	0.856	0.367	5.86%	1,222	0.733	4.80%	24	0.01%	960	0.40%	96	0.05%
SUBTOTAL	3,215,565	6.590	99.01%	12,280	5,690	90.98%	16,898	10,308	67.45%	201,972	98.80%	241,151	100.00%	208,873	100.00%
Fire Protection	32,156	0.066	0.99%	0.630	0.564	9.02%	5,040	4,974	32.55%	2,460	1.20%	---	---	---	---
TOTAL	3,247,721	6.656	100.00%	12,910	6,254	100.00%	21,938	15,282	100.00%	204,432	100.00%	241,151	100.00%	208,873	100.00%

Number of public fire protection bills ignored as immaterial
No services assigned to public fire protection; services considered to be part of hydrants.
No services assigned to private fire protection since customer generally pays for service line.
Fire Protection Consumption set at 1% of other consumption.

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Percent Allocation to Customer Groups"

DESCRIPTION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	LARGE GENERAL SERVICE	MUNICIPALITIES FOR RESALE	FIRE PROTECTION	TOTAL
Base	40.15%	22.07%	12.98%	16.47%	7.35%	0.99%	100.00%
Maximum Day	53.41%	22.31%	4.14%	5.26%	5.86%	9.02%	100.00%
Maximum Hour	40.22%	13.45%	3.96%	5.02%	4.80%	32.55%	100.00%
Commercial	91.20%	7.28%	0.31%	0.01%	0.01%	1.20%	100.00%
Meters	79.38%	16.70%	3.52%	0.00%	0.40%	—	100.00%
Services	89.84%	9.36%	0.75%	0.01%	0.05%	—	100.00%
Fire Service-Hydrants	—	—	—	—	—	100.00%	100.00%

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Cost Allocation to Customer Groups"

DESCRIPTION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	LARGE GENERAL SERVICE	MUNICIPALITIES FOR RESALE	FIRE PROTECTION	TOTAL
Base	2,071,008	1,138,062	669,455	849,223	378,844	51,066	5,157,659
Maximum Day	731,631	305,555	56,760	72,002	80,301	123,545	1,369,794
Maximum Hour	305,350	102,137	30,041	38,107	36,428	247,097	759,161
Commercial	830,577	66,292	2,780	53	107	10,960	910,769
Meters	674,147	141,816	29,878	42	3,381	—	849,264
Services	824,050	85,861	6,898	53	422	—	917,284
Fire Service-Hydrants	—	—	—	—	—	289,077	289,077
Adjustments *	(60,193)	(20,368)	(8,811)	(10,623)	(5,530)	(1,257)	(106,781)
Small Main Adjustment	142,773	33,811	(12,256)	(104,000)	(60,329)	—	0
TOTAL COST OF SERVICE	5,519,343	1,853,166	774,746	844,858	433,624	720,487	10,146,225
Percent of COSS	54.40%	18.26%	7.64%	8.33%	4.27%	7.10%	100.00%

* for Other and for Unbilled

Special Tariff Revenues	0
Other Operating Revenues	17,853
Unbilled Revenues	88,928
Total Revenues	10,253,006

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Fire Protection Allocation"

	Equiv.
FIRE PROTECTION	Conn.
Public, monthly	17,364
Private, monthly	3,488
Total Equiv. Connections	20,852
Total Fire Protection per Cost of Service Study	720,487
Less Billing Costs	10,960
Less Hydrant Costs	289,077
Total Non-hydrant Fire Protection Costs	420,451
Total Non-hydrant Fire Protection Costs Per Equiv. Connection, monthly	20.16
Public Fire Protection Connection Costs	350,127
Plus Hydrant Costs	289,077
Total Public Fire Protection Costs	639,203
Total Private Fire Protection Connection Costs	70,325
Plus Billing Costs	10,960
Plus Hydrant Costs	0
Total Private Fire Protection Costs	81,284

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Private Fire Protection Rates"

Private Fire Prot.	Ratio #	Monthly COSS Rates	Monthly Staff Rates
less than 3"	0.056	5.58	6.00
3	0.162	7.71	8.00
4	0.344	11.40	11.00
6	1.000	24.62	25.00
8	2.131	47.43	47.00
10	3.832	81.73	82.00
12	6.190	129.28	129.00
16	13.192	270.45	270.00

- ratio based on capacity

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Public Fire Protection Surcharge"
"Single - Tier Method"

Customer	Per Hydrant Cc Hydrants	Total Cost	Municipal Paid	Customer Surcharge	MONTHLY BILLS					Fire Prot Bills	Equiv. Fire Prot Bills	Monthly Rates					Actual Surcharge Connections Revenues Per Hydrant
					5/8"	3/4"	1"	1 1/2"	5/8"			3/4"	1"	1 1/2"			
Total	1,447	639,203	0	639,203	194,400	288	4,452	3,744	202,884	224,882	0	0.00	0.00	0.00	0.00	0	639,678
Outside	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0	0
Darville	1,228	542,461	0	542,461	144,284	264	3,456	3,264	151,248	169,620	3.20	4.80	8.00	16.00	542,784	10.26	
Tilton	113	49,917	0	49,917	11,892	12	144	96	12,144	12,750	3.92	5.88	9.80	19.60	49,980	8.96	
Kickapoo	36	15,903	0	15,903	11,892	12	216	84	12,204	12,870	1.24	1.86	3.10	6.20	15,959	28.25	
Westville	18	7,951	0	7,951	9,648	0	108	108	9,864	10,458	0.76	1.14	1.90	3.80	7,948	45.67	
Lynch	21	9,277	0	9,277	12,228	0	384	180	12,792	14,088	0.66	0.99	1.65	3.30	9,298	50.76	
Bismark	31	13,694	0	13,694	4,476	0	144	12	4,632	4,896	2.80	4.20	7.00	14.00	13,709	12.45	

Total cost per fire protection customer based on number of Hydrants

Total cost per fire protection customer based on number of Hydrants

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Equiv. Meters and Services"

ITEM	METER RATIO	SERVICE RATIO	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	LARGE GENERAL SERVICE	MUNICIPALITIES FOR RESALE	TOTAL
METER SIZE								
5/8" disk	1.0	1.0	183715	9844	69	0	0	193628
3/4" disk	1.5	1.1	264	36	0	0	0	300
1" disk	2.5	1.4	2130	2130	112	0	0	4372
1 1/2" disk	5.0	1.8	226	1182	75	0	0	1483
2" disk	8.0	2.5	85	1312	180	0	0	1577
3" disk	15.0	3.0	12	88	0	0	0	100
4" disk	25.0	4.0	0	48	12	0	0	60
6" disk	50.0	5.0	0	0	0	0	0	0
8" disk	80.0	6.0	0	0	0	0	0	0
10" disk	115.0	6.5	0	12	0	0	0	12
12" disk	168.0	7.0	0	0	0	0	0	0
3" turbine	17.5	3.0	0	168	24	0	12	204
4" turbine	30.0	4.0	0	60	120	0	0	180
6" turbine	62.5	5.0	0	0	32	0	12	44
8" turbine	90.0	6.0	0	0	0	0	0	0
10" turbine	145.0	6.5	0	0	0	0	0	0
LGS 6" turb	62.5	5.0	0	0	0	12	0	12
Equiv Meters			191426	40269	8484	12	960	241151
Equiv Services			187643	19551	1571	12	96	208873

Acl. No.	Account	Utility Depreciation	Staff Adjust.	Net Cost	Base Cost	Extra Capacity Max Day	Max Hour	Billing	Customer Costs Meter	Services	Fire Service	Alloc. Code
	INTANGIBLE PLANT	0										
301	Organization	0	0	0	0							1
302	Franchises	0	0	0	0							1
339	Miscellaneous	0	0	0	0							1
	SOURCE OF SUPPLY PLANT	44,451										
303	Land and land rights	0	0	0	0							13
304	Structures and improvements	5,556	0	5,556	4,888	668	0	0	0	0	0	13
305	Collecting reservoirs	20,668	0	20,668	20,668		0	0	0	0	0	1
306	Intakes	10,795	0	10,795	8,230	2,565						2
307	Wells	2,718	0	2,718	2,072	646						2
308	Infiltration Galleries	0	0	0	0	0						2
309	Supply mains	4,714	0	4,714	3,594	1,120						2
339	Other plant	0	0	0	0	0						2
	PUMPING PLANT	57,714										
303	Land and land rights	0	0	0	0							13
304	Structures and improvements	6,661	0	6,661	3,938	1,228	1,495	0	0	0	0	13
310	Power Generation Equip.	6,695	0	6,695	3,958	1,234	1,503	0	0	0	0	12
310	Other power production	0	0	0	0	0	0					12
311	Steam pumping	0	0	0	0	0	0					12
311	Electrical Pumping	44,358	0	44,358	26,225	8,174	9,959	0	0	0	0	12
311	Diesel Pumping	0	0	0	0	0	0					12
339	Other Plant & Misc. Equip.	0	0	0	0	0	0					12
	WATER TREATMENT PLANT	605,394										
302	Land and land rights	0	0	0	0							13
304	Structures and improvements	318,246	0	318,246	242,620	75,626	0	0	0	0	0	13
320	Water treatment	287,148	0	287,148	218,912	68,236						2
	TRANSMISSION/DISTRIBUTION	745,980										
303	Land and land rights	0	0	0	0							13
304	Structures and improvements	11,251	0	11,251	2,450	764	1,437	0	0	0	0	13
330	Dist. reservoirs and standpipes	33,076	0	33,076			33,076		2,892	2,659	1,059	4
331	Mains	270,627	0	270,627	159,996	49,872	60,759					12
333	Services	173,660	0	173,660						173,660		7
334	Meters	185,152	0	185,152					185,152			6
334	Meter installations	3,069	0	3,069					3,069			6
335	Hydrants	69,145	0	69,145						69,145		8
336	Backflow Prevention Devices	0	0	0	0				0	0		7
339	Other Plant & Misc. Equip.	0	0	0	0				0	0		13
	GENERAL PLANT	290,103										
303	Land and land rights	0	0	0	0							9
304	Structures and improvements	38,345	0	38,345	18,402	5,543	2,855	0	0	0	0	9
340	Office furniture	104,897	0	104,897	50,340	15,165	7,811	0	5,041	4,651	1,852	9
341	Transportation	81,960	0	81,960	39,328	11,847	6,102	0	13,791	12,724	5,066	9
342	Stores	1,221	0	1,221	586	177	91	0	10,774	9,941	3,958	9
343	Tools etc	26,436	0	26,436	12,827	3,822	1,968	0	161	148	59	9
344	Laboratory	5,585	0	5,585	2,680	807	416	0	3,476	3,207	1,277	9
345	Power operated	6,989	0	6,989	3,354	1,010	520	0	734	677	270	9
346	Communications	15,517	0	15,517	7,447	2,243	1,155	0	919	848	338	9
347	Miscellaneous	9,163	0	9,163	4,397	1,325	682	0	2,040	1,882	749	9
348	Other Tangible Plant	0	0	0	0	0	0	0	1,205	1,112	443	9
339	RECONCILIATION	(235,816)	0	(235,816)	(113,168)	(34,091)	(17,559)	0	(31,004)	(28,805)	(11,390)	9
	TOTAL DEPRECIATION	1,507,826	0	1,507,826	723,602	217,981	112,272	0	196,241	182,904	72,826	
	Allocation Code 9 Calculation											
	Cross check =			1,507,826	47.99%	14.46%	7.45%	0.00%	13.15%	12.13%	4.83%	100.00%

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
~~"Explanation of Allocation Codes"~~

- 1 This code refers to allocations made 100 percent to Base Cost. Base Costs are costs which tend to vary with the quantity of water used and do not contain elements necessary to meet variations in demand.
- 2 This code refers to allocations divided between Base Cost and Extra Capacity Cost on the ratio of the average annual consumption per day to the maximum consumption on the Maximum Day. Extra Capacity costs are those costs associated with meeting rate of use requirements in excess of the average.
- 3 This code refers to allocations divided between Base Cost and Extra Capacity Cost on the ratio of the average annual consumption per day to the maximum hourly consumption.
- 4 This code refers to allocations made 100 percent to Extra Capacity - Maximum Hour.
- 5 This code refers to allocations made 100 percent to commercial costs associated with serving customers irrespective to the amount of water used or the maximum demand. They include meter reading, billing, customer accounting and collection expenses.
- 6 This code refers to allocations made 100 percent to maintenance and capital charges on customer meters.
- 7 This code refers to allocations made 100 percent to maintenance and capital charges on customer services.
- 8 This code refers to allocations made 100 percent to Fire Protection - Hydrants.
- 9 This code refers to allocations divided among various cost functions in the same ratio as the average allocation of plant in service as developed and shown on page 6 of 17 of this Schedule.
- 10 This code refers to allocations divided among various cost functions in the same ratio as the average allocation of operating and maintenance expenses has been allocated before administrative and general expenses and without considering fuel, power and chemical costs.
- 11 This code refers to allocations divided among various cost functions in the same ratio as the average allocation of labor costs if available or on the basis of Allocation Code 10 if not.
- 12 This code refers to allocations divided among Base Cost, Extra Capacity - Maximum Day and Extra Capacity - Maximum Hour.
- 13 This code refers to allocations divided among various cost functions in the same percentage ratio as the average of all items in that subgroup.

BILL COMPARISON
CONSUMERS ILLINOIS WATER - VERMILION

Charge*	Current	Company Proposed	Staff Proposed
Facilities Charge	\$10.00	\$12.27	\$12.00
Usage Charge (Ccf)	\$2,3440	\$2,8760	\$2,6760
Fire Surcharge	\$2.85	\$3.50	\$3.20

Line Number	Usage (Ccf)	Usage (Gallons)	Current Monthly Bill	Company Proposed Monthly Bill	Dollar Increase	Percent Increase	Staff Proposed Monthly Bill	Dollar Increase	Percent Increase
1	1	748	\$15.19	\$18.65	\$3.46	22.78%	\$17.88	\$2.69	17.71%
2	2	1496	\$17.54	\$21.52	\$3.98	22.69%	\$20.55	\$3.01	17.16%
3	3	2244	\$19.88	\$24.40	\$4.52	22.74%	\$23.23	\$3.35	16.85%
4	4	2992	\$22.23	\$27.27	\$5.04	22.67%	\$25.90	\$3.67	16.51%
5	5	3740	\$24.57	\$30.15	\$5.58	22.71%	\$28.58	\$4.01	16.32%
6	6	4488	\$26.91	\$33.03	\$6.12	22.74%	\$31.26	\$4.35	16.16%
7	7	5236	\$29.26	\$35.90	\$6.64	22.69%	\$33.93	\$4.67	15.96%
8*	8	5984	\$31.60	\$38.78	\$7.18	22.72%	\$36.61	\$5.01	15.85%
9	9	6732	\$33.95	\$41.65	\$7.70	22.68%	\$39.28	\$5.33	15.70%
10	10	7481	\$36.29	\$44.53	\$8.24	22.71%	\$41.96	\$5.67	15.62%

* Denotes typical residential customer with a 5/8 inch meter in Danville

Docket Nos. 00-0337/00-0338/00-0339 Consolidated
 Staff Exhibit 5.00
 Schedule 5.02

STAFF COMPUTATION OF PROFORMA PRESENT REVENUES
 CONSUMERS ILLINOIS WATER COMPANY - WOODHAVEN

PROFORMA PRESENT REVENUES									
	Per Company			Adjustments			Per Staff		
	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue
CUSTOMER CHARGES									
Residential Nonmetered									
Campsites	74,028	\$6.32	\$467,857				74,028	\$6.32	\$467,857
Residential Metered									
5/8" disk	-	\$5.50	\$0				-	\$5.50	\$0
3/4" disk	-	\$6.60	\$0				-	\$6.60	\$0
1" disk	48	\$9.35	\$449				48	\$9.35	\$449
1 1/2" disk	-	\$17.33	\$0				-	\$17.33	\$0
2" disk	-	\$20.90	\$0				-	\$20.90	\$0
3" disk	-	\$59.40	\$0				-	\$59.40	\$0
Commercial Metered									
5/8" disk	120	\$5.50	\$660				120	\$5.50	\$660
3/4" disk	60	\$6.60	\$396				60	\$6.60	\$396
1" disk	36	\$9.35	\$337				36	\$9.35	\$337
1 1/2" disk	24	\$17.33	\$416				24	\$17.33	\$416
2" disk	156	\$20.90	\$3,260				156	\$20.90	\$3,260
3" disk	12	\$118.80	\$1,426				12	\$59.40	\$713
SUBTOTAL			\$474,800						\$474,087
USAGE CHARGES									
	4.7	\$2.75	\$12,925				4.7	\$2.75	\$12,925
OTHER REVENUE									
Forfeited Discounts									\$45,307
Non Sufficient Funds									\$135
Water Property Rents									\$240
Other Water Revenue									\$13,446
SUBTOTAL			\$16,236						\$59,128
TOTAL REVENUE			\$503,961						\$546,140

Docket Nos. 00-0337/00-0338/00-0339 Consolidated
 Staff Exhibit 5.00
 Schedule 5.02A

STAFF COMPUTATION OF PROFORMA PROPOSED REVENUE AND REVENUE REQUIREMENT
 CONSUMERS ILLINOIS WATER COMPANY - WOODHAVEN

PROFORMA PROPOSED REVENUES										REVENUE REQUIREMENT			
	Per Company			Adjustments			Per Staff			Per Staff			
	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	
CUSTOMER CHARGES													
Residential Nonmetered													
Campsites	74,028	\$9.97	\$738,036		-\$0.25	-\$18,484	74,028	\$9.72	\$719,552	74,028	\$8.38	\$620,355	
Residential Metered													
5/8" disk	-	\$8.68	\$0				-	\$8.68	\$0	-	\$7.29	\$0	
3/4" disk	-	\$10.41	\$0				-	\$10.41	\$0	-	\$8.75	\$0	
1" disk	48	\$14.75	\$708				48	\$14.75	\$708	48	\$12.40	\$595	
1 1/2" disk	-	\$27.34	\$0				-	\$27.34	\$0	-	\$22.98	\$0	
2" disk	-	\$32.97	\$0				-	\$32.97	\$0	-	\$27.71	\$0	
3" disk	-	\$93.70	\$0				-	\$93.70	\$0	-	\$78.75	\$0	
Commercial Metered													
5/8" disk	120	\$8.68	\$1,041			\$1	120	\$8.68	\$1,042	120	\$7.29	\$875	
3/4" disk	60	\$10.41	\$625				60	\$10.41	\$625	60	\$8.75	\$525	
1" disk	36	\$14.75	\$531				36	\$14.75	\$531	36	\$12.40	\$446	
1 1/2" disk	24	\$27.34	\$656				24	\$27.34	\$656	24	\$22.98	\$552	
2" disk	156	\$32.97	\$5,143				156	\$32.97	\$5,143	156	\$27.71	\$4,323	
3" disk	12	\$187.40	\$2,249		-\$93.70	-\$1,124	12	\$93.70	\$1,124	12	\$78.75	\$945	
SUBTOTALS			\$748,989			-\$19,608			\$729,381			\$628,616	
USAGE CHARGES													
	4.7	\$4.34	\$20,389			\$9	4.7	\$4.34	\$20,398	4.7	\$3.63	\$17,061	
OTHER REVENUES													
Forfeited Discounts									\$69,752			\$60,069	
Non Sufficient Funds									\$405			\$179	
Water Property Rents									\$240			\$318	
Other Water Revenue									\$20,701			\$17,827	
SUBTOTALS			\$25,612			\$65,487			\$91,098			\$78,393	
TOTAL REVENUES			\$794,990			\$45,888			\$840,877			\$724,070	

BILL COMPARISON
 CONSUMERS ILLINOIS WATER COMPANY - WOODHAVEN

Charge	Current	Company Proposed	Staff Proposed
Facilities Charge	\$6.32	\$9.72	\$8.38
Usage Charge (Ccf)	\$0.00	\$0.00	\$0.00
Fire Surcharge	\$0.00	\$0.00	\$0.00

Line Number	Usage (Ccf)	Usage (Gallons)	Current Monthly Bill	Company Proposed Monthly Bill	Dollar Increase	Percent Increase	Staff Proposed Monthly Bill	Dollar Increase	Percent Increase
1	1	748	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
2	2	1496	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
3	3	2244	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
4	4	2992	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
5	5	3740	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
6	6	4488	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
7	7	5236	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
8	8	5984	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
9	9	6732	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%
10	10	7481	\$6.32	\$9.72	\$3.40	53.80%	\$8.38	\$2.06	32.59%

Note typical customer is a campsite customer which comprises 99.4% of entire customer base in Woodhaven.

REBUTTAL TESTIMONY

of

RAYMOND E. PILAPIL

WATER DEPARTMENT

FINANCIAL ANALYSIS DIVISION

ILLINOIS COMMERCE COMMISSION

CONSUMERS ILLINOIS WATER COMPANY

DOCKET NOS. 00-0337/00-0338/00-0339 CONSOLIDATED

OCTOBER 26, 2000

1 I. INTRODUCTION

2

3 Q. Please state your name and business address.

4 A. My name is Raymond E. Pilapil. My business address is 527 East Capitol
5 Avenue, Springfield, Illinois 62701.

6

7 Q. Are you the same Raymond E. Pilapil who submitted testimony
8 earlier in this proceeding?

9 A. Yes, I am.

10

11 Q. What is the purpose of your rebuttal testimony?

12 A. The purpose of my rebuttal testimony is to respond to issues concerning
13 Other Revenues as discussed in Consumers Illinois Water Company's
14 (Company) rebuttal testimony (CIWC Exhibit No. 5.0R) and to present
15 updated schedules based upon the new revenue requirements as given
16 by Staff (ICC Staff Exhibit 8.00, Schedules 8.01V and 8.01W) for both the
17 Vermilion and Woodhaven Divisions.

18

19 Q. Do you have any changes to the Proforma Present and Proforma
20 Proposed Other Revenues for Vermilion?

21 A. No, I do not. The "Other Revenues" as presented in Staff's Direct
22 Testimony (ICC Staff Exhibit 5.00, Schedules 5.01 and 5.01A - Page 2)
23 have not changed in my Rebuttal Testimony (ICC Staff Exhibit 12.00,
24 12.01A - Page 2).

25
26 Q. Do you have any changes to the Proforma Present and Proforma
27 Proposed Other Revenues for Woodhaven?

28 A. Yes, I do. The Other Revenues as presented in Staff's Direct Testimony
29 (ICC Staff Exhibit 5.00, Schedules 5.02 and 5.02A) have changed in my
30 Rebuttal Testimony (ICC Staff Exhibit 12.00, Schedule 12.02 and 12.02A)
31 based upon information presented in the Company's Rebuttal Testimony
32 (CIWC Exhibit No. 5.0R).

33
34 Q. What adjustments are you proposing for Proforma Present and
35 Proforma Proposed Revenues for Woodhaven after recalculating
36 Other Revenues?

37 A. I am proposing a \$7,958 adjustment for Proforma Present and a (\$8,836)
38 adjustment for Proforma Proposed Revenues.

39
40 Q. What is the reason for these adjustments?

- 41 A. The bulk of these adjustments result from errors in the Company's
42 calculation of the Customer Charge revenues and Other Revenues.
43
- 44 Q. Have you included the additional revenue from the Village of Sublette
45 as mentioned in the Company's Rebuttal Testimony (CIWC Exhibit
46 No. 5.0R)?
- 47 A. Yes I have. I included the \$3,195 of additional revenue from the Village
48 of Sublette in the row "Other Water Revenues" (ICC Staff Exhibit 12.00,
49 Schedule 12.02 and 12.02A).
50
- 51 Q. Have you updated your proposed rates to reflect Staff's revised
52 revenue requirement for Vermilion?
- 53 A. Yes, I have. Based upon Staff's new revenue requirement, I recommend
54 the monthly customer and usage charges be increased as shown in the
55 column "Staff Rates" under "Revenues at Present and Proposed Rates"
56 (ICC Staff Exhibit 12.00, Schedule 12.01A, Page 1). My recommendation
57 for private fire protection rates is shown in the row "Staff" under "Private
58 Fire Protection Rates" (ICC Staff Exhibit 12.00, Schedule 12.01A, Page
59 2). My recommendation for public fire protection rates is shown in the
60 columns "Monthly Rates" under "Public Fire Protection Surcharge" (ICC
61 Staff Exhibit 12.00, Schedule 12.01A, Page 14). The annual revenues

62 from my proposed rates will produce \$10,689,201 (ICC Staff Exhibit
63 12.00, Schedule 12.01A, Page 2) which approximates Staff's Revenue
64 Requirement of \$10,689,282 (ICC Staff Exhibit 8.00, Schedule 8.01V).

65
66 **Q. Have you updated your proposed rates to reflect Staff's revised**
67 **revenue requirement for Woodhaven?**

68 **A.** Yes, I have. Based upon Staff's new revenue requirement, I recommend
69 the monthly customer and usage charges be increased as shown in the
70 column "Rate" under "Revenue Requirement" (ICC Staff Exhibit 12.00,
71 Schedule 12.02A). The annual revenues from my proposed rates will
72 produce \$756,595 (ICC Staff Exhibit 12.00, Schedule 12.02A) which
73 approximates Staff's Revenue Requirement of \$756,639 (ICC Staff Exhibit
74 8.00, Schedule 8.01W).

75
76 **Q. Please identify ICC Staff Exhibit 12.00, Schedules 12.01B and 12.02B.**

77 **A.** ICC Staff Exhibit 12.00, Schedules 12.01B and 12.02B are updated bill
78 comparisons based upon the change in Other Revenues and the
79 Revenue Requirements for typical customers being served in Vermilion
80 and Woodhaven. Specifically, these schedules compare the current
81 monthly bill, Company's proposed monthly bill, and Staff's Proposed
82 monthly bill showing the dollar increase and percent increase.

83

84 **Q. Does this conclude your rebuttal testimony?**

85 **A. Yes, it does.**

Consumers Illinois Water Company - Vermilion
Docket No. 00-0337/00-0338/00-0339 Consolidated
ICC Staff Exhibit 12.00, Schedule 12.01A

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Revenues at Present and Proposed Rates"

ITEM	PRESENT RATES	PROPOSED RATES	STAFF RATES	RESIDENTIAL BILL ANA.	ADJUST.	COMMERCIAL BILL ANA.	ADJUST.	INDUSTRIAL BILL ANA.	ADJUST.	LARGE GEN SER BILL ANA.	ADJUST.	MUNICIPALITIES BILL ANA.	ADJUST.	TOTAL
CUS CHARGES, MONTHLY														
5/8" disk	10.00	12.27	12.00	183,715	0	9,844	0	69	0	0	0	0	0	193,628
3/4" disk	13.50	16.56	16.00	264	0	36	0	0	0	0	0	0	0	300
1" disk	20.00	24.54	24.00	2,130	0	2,130	0	112	0	0	0	0	0	4,372
1 1/2" disk	37.00	45.40	44.00	226	0	1,162	0	75	0	0	0	0	0	1,483
2" disk	57.00	69.94	68.00	85	0	1,312	0	180	0	0	0	0	0	1,577
3" disk	104.00	127.60	124.00	12	0	88	0	0	0	0	0	0	0	100
4" disk	170.00	208.58	203.00	0	0	48	0	12	0	0	0	0	0	60
6" disk	337.00	413.48	404.00	0	0	0	0	0	0	0	0	0	0	0
8" disk	537.00	658.87	644.00	0	0	0	0	0	0	0	0	0	0	0
10" disk	771.00	945.98	925.00	0	0	12	0	0	0	0	0	0	0	12
12" disk	1125.00	1380.32	1349.00	0	0	0	0	0	0	0	0	0	0	0
3" turbine	120.00	147.23	143.00	0	0	168	0	24	0	0	0	12	0	204
4" turbine	204.00	250.29	244.00	0	0	60	0	120	0	0	0	0	0	180
6" turbine	421.00	516.55	505.00	0	0	0	0	32	0	0	0	12	0	44
8" turbine	804.00	741.08	724.00	0	0	0	0	0	0	0	0	0	0	0
10" turbine	972.00	1192.60	1166.00	0	0	0	0	0	0	0	0	0	0	0
Large General Service 6" turbine	421.00	431.53	421.00	0	0	0	0	0	0	12	0	0	0	12
Total Bills				186,432	0	14,880	0	624	0	12	0	24	0	201,972
TOTAL CUS CHARGE REVENUES Present				1,897,769	0	319,008	0	58,837	0	5,052	0	6,492	0	2,287,158
Proposed				2,328,562	0	391,421	0	72,190	0	5,178	0	7,985	0	2,805,317
Staff				2,277,136	0	381,468	0	70,364	0	5,052	0	7,776	0	2,741,796
USAGE CHARGES (100 cubic feet)														
First Block	2,3440	2,8760	2,8710	1,273,186	0	289,563	0	38,749	0	0	0	0	0	1,581,498
Second Block	1,9100	2,3430	2,2650	30,806	0	250,562	0	125,825	0	0	0	0	0	407,193
Third Block	1,4540	1,7840	1,5900	98	0	189,898	0	234,754	0	0	0	0	0	424,750
Fourth Block	1,3310	1,6330	1,4000	0	0	6,502	0	22,221	0	0	0	0	0	28,823
Fifth Block	0,7740	0,7930	0,7933	0	0	0	0	0	0	534,747	0	0	0	534,747
Sixth Block	1,7610	2,1610	2,0000	0	0	0	0	0	0	0	0	238,554	0	238,554
ADJUSTMENTS														
First Block	2,3440	2,8760	2,8710	0	0	0	0	0	0	0	0	0	0	0
Second Block	1,9100	2,3430	2,2650	0	0	0	0	0	0	0	0	0	0	0
Third Block	1,4540	1,7840	1,5900	0	0	0	0	0	0	0	0	0	0	0
Fourth Block	1,3310	1,6330	1,4000	0	0	0	0	0	0	0	0	0	0	0
Fifth Block	0,7740	0,7930	0,7933	0	0	0	0	0	0	0	0	0	0	0
Sixth Block	1,7610	2,1610	2,0000	0	0	0	0	0	0	0	0	0	0	0
Total Usage				1,304,091	0	716,625	0	421,549	0	534,747	0	238,554	0	3,215,565
USAGE CHARGE REVENUES														
Present				3,043,332	0	1,395,328	0	702,061	0	413,894	0	420,094	0	5,974,709
Proposed				3,734,038	0	1,711,889	0	861,338	0	424,054	0	515,515	0	7,246,834
Staff				3,725,251	0	1,652,619	0	800,610	0	424,215	0	477,108	0	7,079,802

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Revenues at Present and Proposed Rates"

ITEM	RESIDENTIAL		COMMERCIAL		INDUSTRIAL		LARGE GEN SER		MUNICIPALITIES		TOTAL	
	BILL ANA.	ADJUST.	BILL ANA.	ADJUST.	BILL ANA.	ADJUST.	BILL ANA.	ADJUST.	BILL ANA.	ADJUST.	BILL ANA.	ADJUST.
OTHER ADJUSTMENTS												
Reconciliation	Present	0	0	0	0	0	0	0	0	0	0	0
	Proposed	0	0	0	0	0	0	0	0	0	0	0
	Staff	0	0	0	0	0	0	0	0	0	0	0
TOTAL METERED REVENUES	Present	4,941,101	0	1,714,336	0	760,898	0	418,946	0	426,586	0	8,261,867
	Proposed	6,062,600	0	2,103,310	0	933,527	0	429,232	0	523,481	0	10,052,151
	Staff	6,002,387	0	2,034,087	0	870,973	0	429,267	0	484,884	0	9,821,598
PVT. FIRE PROT RATES, MONTHLY												
Size Connection	Less than	3"	3"	4"	6"	8"	10"	12"	16"	PRIVATE		
Present	5.00	7.00	11.00	26.00	51.00	88.00	141.00	0.00	0.00	HYDRANTS		
Proposed	6.13	8.59	13.50	31.90	62.57	107.97	173.00	0.00	0.00			
Per Cost of Service Study	6.00	8.00	12.00	26.00	50.00	85.00	135.00	283.00	N/A			
Staff	6.00	8.00	12.00	26.00	50.00	85.00	135.00	283.00	0.00			
Units (ANNUAL)	48	48	360	1,236	552	168	48	0	0			
NON-METERED REVENUES												
PVT. FIRE												
Present	86,376	0	569,434	569,434	0	17,853	78,163	751,826	751,826	NON-METERED		
Proposed	105,977	0	698,503	698,503	0	17,853	95,158	917,490	917,490			
Staff	85,488	0	671,541	671,541	0	17,853	92,721	867,603	867,603			
TOTAL REVENUES												
Present	4,941,101	1,714,336	760,898	418,946	426,586	0	751,826	9,013,693	9,013,693	TOTAL		
Proposed	6,062,600	2,103,310	933,527	429,232	523,481	0	917,490	10,989,641	10,989,641			
Staff	6,002,387	2,034,087	870,973	429,267	484,884	0	867,603	10,689,201	10,689,201			
PER STAFF												
Cost of Service	5,745,290	1,933,956	808,606	881,718	452,815	0	671,550	84,772	84,772			
Percent Increase	21.5	18.7	14.5	2.5	13.7	0	17.9	(1.0)	(1.0)			
Percent Cost of Service	104.5	105.2	107.7	48.7	107.1	0	100.0	100.8	100.8			
Overall Percent Increase per Staff	18.5%											
Ratio of Class % Increase to Overall % Increase	1.16	1.00	0.78	0.13	0.74	0						

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Demand Factors"

Customer Class	DEMAND FACTORS	
	Max Day	Max Hour
Residential	2.25	3.30
Commercial	1.95	2.40
Industrial	1.30	1.70
Large General Service	1.30	1.70
Municipalities for Resale	1.75	2.50
Fire Protection	0.63	5.04
Gallons Per Minute	3,500	
Hours of Protection	3	
MGD PUMPAGE		
Average Daily Rate		8.200
Max Daily Rate		10.756
Max Hourly Pumpage Rate		12.520
Max Hourly Consumption Rate (Pumpage plus Storage Drawdown)		13.870

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Allocation to Cost Functions"

Description	Alloc. Code	Base		Extra Capacity		Customer Costs		Fire Service Percent
		Cost Percent	Max Day Percent	Max Hour Percent	Billing Percent	Meter Percent	Services Percent	
Base Cost	1	100.00%						
Base-Max Day	2	76.24%	23.76%					
Base-Max Hr.	3	59.12%		40.88%				
Max Hour	4			100.00%				
Commercial	5				100.00%			
Meters	6					100.00%		
Services	7						100.00%	
Hydrants	8							100.00%
Plant	9	54.00%	16.01%	9.87%	0.00%	6.74%	9.83%	3.56%
Adm. and Gen.	10	35.27%	10.83%	4.56%	30.81%	10.02%	7.49%	1.02%
Labor B'fits	11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Base/Max Day/ Max Hour	12	59.12%	18.43%	22.45%				

Refer to last page for brief allocation code explanations

[illegible]

Cost of Service Study "Plant in Service Allocation"

Act. No.	Account	Utility Cost	Depreciation Reserve	Net Cost	Base Cost	Extra Capacity		Customer Costs		Fire Service	Alloc. Code	
						Max Day	Max Hour	Billing	Meter			Services
GENERAL PLANT		4,005,768										
303	Land and land rights	33,675	0	33,675	18,183	5,391	3,324	0	2,270	3,310	1,197	9
304	Structures and improvements	958,631	105,239	853,392	460,802	135,611	84,242	0	57,516	83,878	30,343	9
340	Office furniture	1,267,849	501,830	786,019	424,423	125,826	77,591	0	52,976	77,286	27,947	9
341	Transportation	777,776	349,382	428,394	231,318	68,577	42,288	0	28,873	42,106	15,232	9
342	Stores	37,232	12,028	25,204	13,609	4,035	2,488	0	1,689	2,477	896	9
343	Tools etc	367,164	138,835	228,329	123,290	36,551	22,539	0	15,389	22,442	8,118	9
344	Laboratory	111,683	84,672	27,021	14,590	4,326	2,667	0	1,821	2,656	961	9
345	Power operated	139,782	75,294	64,488	34,821	10,323	6,366	0	4,346	6,338	2,293	9
346	Communications	124,138	106,806	17,532	9,467	2,807	1,731	0	1,182	1,723	623	9
347	Miscellaneous	167,828	16,668	151,160	81,621	24,198	14,922	0	10,188	14,857	5,375	9
348	Other Tangible Plant	0	0	0	0	0	0	0	0	0	0	9
389	RECONCILIATION	0	0	0	0	0	0	0	0	0	0	9
TOTAL PLANT IN SERVICE		56,227,546	14,285,588	41,941,958	22,711,332	6,691,752	4,126,492	0	2,817,380	4,108,666	1,486,316	
Allocation Code 9		Cross check =		41,941,958	54.00%	16.01%	9.87%	0.00%	6.74%	9.83%	3.56%	
Calculation				Total	Base Cost	Max Day	Max Hour					
Small Main Plant in Service				4,828,477	2,854,515	889,804	1,084,057					
Small Main CIAC				1,147,280	678,277	211,424	257,580					
Total Plant CIAC				3,185,888	1,884,101	587,288	715,499					
Allocated Total Plant less General				21,299,206	6,273,109	3,868,334	28,02%					
% Small Main to Allocated Total Plant				13.40%	14.18%							
Small Main with General Plant Allocated				3,043,875	949,187	1,156,403						
Small Main with General Plant Allocated less CIAC				2,365,598	737,763	898,824						
Allocated Total Plant less CIAC				20,827,231	6,104,464	3,410,993	26.35%					
% Small Main less CIAC to Allocated Total Plant less CIAC				11.36%	12.09%							

Consumers Illinois Water Company - Vermillion
Docket No. 00-0337/00-0338/00-0339 Consolidated
ICC Staff Exhibit 12.00, Schedule 12.01A

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Revenue Requirement Allocation"

page 7 of 17

Act.	Account	Utility Cost	Staff Adjust.	Net Cost	Base Cost	Extra Capacity	Max Day	Max Hour	Billing	Customer Costs	Services	Fire Service	Alloc. Code
	SOURCE OF SUPPLY												
601	Salaries and Wages	11,317	0	11,317	8,628	2,689							2
610	Purchased water	0	0	0	0								1
615	Purchased Power	2,239	0	2,239	2,239								1
616	Fuel for Power Prod.	0	0	0	0								1
618	Chemicals	0	0	0	0								1
	SOURCE OF SUPPLY	22,276											
620	Materials and Supplies	1,953	0	1,953	1,489	464							2
631	Contractual Serv.	0	0	0	0	0							2
635	Contractual Serv. - Testing	0	0	0	0	0							2
636	Contractual Serv. - Other	15,754	(3,373)	12,381	9,439	2,942							2
641	Rental of Property	0	0	0	0	0							2
642	Rental of Equipment	425	0	425	324	101							2
650	Transportation Exp.	298	0	298	227	71							2
658	Insurance	0	0	0	0	0							2
668	Water Res. Consv. Exp.	0	0	0	0	0							2
675	Misc. Expenses	3,846	(419)	3,427	2,613	814							2
	PUMPING EXPENSES	348,597											
601	Salaries and Wages	15,509	0	15,509	9,169	2,858							12
615	Purchased Power	327,112	0	327,112	327,112								1
616	Fuel for power production	0	0	0	0								1
620	Materials and Supplies	2,654	0	2,654	1,569	489							12
631	Contractual Serv.	0	0	0	0	0							12
635	Contractual Serv. - Testing	0	0	0	0	0							12
636	Contractual Serv. - Other	3,323	(711)	2,612	1,544	481							12
641	Rental of Property	0	0	0	0	0							12
	PUMPING EXPENSES	1,365											
642	Rental of Equipment	1,351	0	1,351	799	249							12
650	Transportation Expenses	0	0	0	0	0							12
658	Insurance	0	0	0	0	0							12
675	Misc. Expenses	14	(2)	12	7	2							12
	WATER TREATMENT EXPENSE	600,544											
601	Salaries and Wages	317,949	0	317,949	242,394	75,556							2
615	Purchased Power	(1,223)	0	(1,223)	(932)	(291)							2
616	Fuel for power production	0	0	0	0	0							2
618	Chemicals	241,029	0	241,029	241,029								1
620	Materials and Supplies	42,788	0	42,788	32,620	10,168							2

Act.	Account	Utility	Staff	Net	Base	Extra Capacity	Max Day	Max Hour	Billing	Customer Costs	Meter	Services	Fire	Alloc.
No.		Cost	Adjust.	Cost	Cost								Service	Code
WATER TREATMENT EXPENSE														
	108,011													
631	Contractual Serv.	0	0	0	0	0	0	0	0	0	0	0	0	2
635	Contractual Serv. - Testing	0	0	0	0	0	0	0	0	0	0	0	0	2
636	Contractual Serv. - Other	73,002	(15,630)	57,372	43,739	13,634	0	0	0	0	0	0	0	2
641	Rental of Property	0	0	0	0	0	0	0	0	0	0	0	0	2
642	Rental of Equipment	278	0	278	212	66	0	0	0	0	0	0	0	2
650	Transportation Exp.	2,448	0	2,448	1,866	582	0	0	0	0	0	0	0	2
658	Insurance	0	0	0	0	0	0	0	0	0	0	0	0	2
675	Misc. Expenses	32,283	(3,520)	28,763	21,928	6,835	0	0	0	0	0	0	0	2
TRANSMISSION/DISTRIBUTION														
	388,360													
601	Salaries and Wages	93,025	0	93,025	24,697	6,256	11,471	0	0	27,356	20,449	2,796	0	13
661	Storage Facilities	3,160	0	3,160	0	0	3,160	0	0	0	0	0	0	4
662	Mains	109,664	0	109,664	64,834	20,209	24,621	0	0	95,221	71,180	0	0	12
663	Meters	95,221	0	95,221	0	0	0	0	0	0	0	0	0	6
664	Services	71,180	0	71,180	0	0	0	0	0	0	0	0	0	7
615	Purchased Power	16,110	0	16,110	16,110	0	0	0	0	0	0	0	0	1
616	Fuel for Power Prod.	0	0	0	0	0	0	0	0	0	0	0	0	1
TRANSMISSION/DISTRIBUTION														
	87,233													
618	Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	1
620	Materials and Supplies	29,040	0	29,040	7,710	1,953	3,581	0	0	8,540	6,384	873	0	13
672	Dist. reservoirs and standpipes	10,239	0	10,239	0	0	10,239	0	0	0	0	0	0	4
631	Contractual Serv.	144	(31)	113	30	8	14	0	0	33	25	3	0	13
635	Contractual Serv. - Testing	0	0	0	0	0	0	0	0	0	0	0	0	1
636	Contractual Serv. - Other	16,936	(3,626)	13,310	3,534	885	1,641	0	0	3,914	2,926	400	0	13
641	Rental of Property	0	0	0	0	0	0	0	0	0	0	0	0	13
677	Hydrants	9,732	0	9,732	0	0	0	0	0	0	0	0	0	8
642	Rental of Equipment	707	0	707	188	48	87	0	0	208	155	9,732	21	13
650	Transportation Exp.	8,495	0	8,495	5,023	1,566	1,907	0	0	0	0	0	0	12
658	Insurance	0	0	0	0	0	0	0	0	0	0	0	0	12
675	Misc. Expenses	11,939	(1,302)	10,637	2,824	715	1,312	0	0	3,128	2,338	320	0	13
CUSTOMER ACCOUNTS EXPENSE														
	394,027													
601	Salaries and Wages	278,035	0	278,035	0	0	278,035	0	0	0	0	0	0	5
615	Purchased Power	1,507	0	1,507	0	0	1,507	0	0	0	0	0	0	5
616	Fuel for Power Prod.	0	0	0	0	0	0	0	0	0	0	0	0	5
670	Bad Debt Expenses	91,404	4,124	95,528	33,695	10,346	4,356	0	0	9,568	7,152	978	0	10
620	Materials and Supplies	23,081	0	23,081	0	0	23,081	0	0	0	0	0	0	5
CUSTOMER ACCOUNTS EXPENSE														
	151,600													
631	Contractual Serv.	0	0	0	0	0	0	0	0	0	0	0	0	5
635	Contractual Serv. - Testing	0	0	0	0	0	0	0	0	0	0	0	0	5
636	Contractual Serv. - Other	116,439	(24,929)	91,510	0	0	91,510	0	0	0	0	0	0	5
641	Meter Reading	0	0	0	0	0	0	0	0	0	0	0	0	5
642	Rental of Equipment	6,044	0	6,044	0	0	6,044	0	0	0	0	0	0	5
650	Transportation Exp.	10,460	0	10,460	0	0	10,460	0	0	0	0	0	0	5
658	Insurance	0	0	0	0	0	0	0	0	0	0	0	0	5
675	Misc. Expenses	18,657	(2,034)	16,623	0	0	16,623	0	0	0	0	0	0	5

Consumers Illinois Water Company - Vermillion
Docket No. 00-0337/00-0338/00-0339 Consolidated
ICC Staff Exhibit 12.00, Schedule 12.01A

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Revenue Requirement Allocation"

page 9 of 17

Act.	Account	Utility Cost	Staff Adjust.	Net Cost	Base Cost	Extra Capacity	Max Day	Max Hour	Billing	Customer Costs	Meter	Services	Fire Service	Alloc. Code
ADMINISTRATIVE AND GENERAL 1,720,819														
601	Salaries and Wages-employees	87,309	0	87,309	30,796	9,456	3,981	26,901	8,745	6,537	894	10		
603	Salaries and Wages-officers	45,912	0	45,912	16,195	4,972	2,093	14,146	4,599	3,438	470	10		
604	Pensions and benefits *	300,545	0	300,545	106,011	32,549	13,703	92,601	30,102	22,802	3,877	10		
631-636	Outside services	1,048,693	(224,523)	824,170	290,708	89,288	37,577	253,936	82,548	61,706	8,437	10		
615	Purchased Power	4,353	0	4,353	1,535	471	198	1,341	436	326	45	10		
616	Fuel for Power Prod.	0	0	0	0	0	0	0	0	0	0	10		
656-659	Insurance	91,130	(4,567)	86,563	30,533	9,375	3,947	26,671	8,670	6,461	886	10		
641-642	Rents	8,928	0	8,928	3,149	967	407	2,751	894	688	91	10		
650	Transportation Exp.	4,164	0	4,164	1,469	451	190	1,283	417	312	43	10		
620	Materials and Supplies	10,926	0	10,926	3,854	1,183	498	3,386	1,094	818	112	10		
660	Advertising	0	0	0	0	0	0	0	0	0	0	10		
666-667	Regulatory Expense	81,592	(10,430)	71,162	25,101	7,707	3,245	21,926	7,127	5,328	728	10		
675	Misc. Expenses	37,268	(4,064)	33,204	11,712	3,596	1,514	10,231	3,326	2,486	340	10		
PRO FORMA ADJUSTMENTS														
	Labor *	0	0	0	0	0	0	0	0	0	0	10		
	Fuel and Power	0	0	0	0	0	0	0	0	0	0	1		
	Chemicals	0	0	0	0	0	0	0	0	0	0	1		
	Waste Disposal	0	0	0	0	0	0	0	0	0	0	2		
	Management Fees	0	0	0	0	0	0	0	0	0	0	12		
	Group Insurance *	0	0	0	0	0	0	0	0	0	0	10		
	Pensions *	0	(3,496)	(3,496)	(1,233)	(379)	(159)	(1,077)	(350)	(282)	(36)	10		
	Regulatory Expenses	0	0	0	0	0	0	0	0	0	0	10		
	Insurance other *	0	0	0	0	0	0	0	0	0	0	10		
	Customer Accounting	0	0	0	0	0	0	0	0	0	0	5		
	Rents	0	0	0	0	0	0	0	0	0	0	10		
	General Office Expenses	0	0	0	0	0	0	0	0	0	0	10		
	Maintenance-other	0	0	0	0	0	0	0	0	0	0	10		
	Miscellaneous	0	0	0	0	0	0	0	0	0	0	10		
	SUBTOTAL OPER. & MAINT.	3,836,389	(298,533)	3,537,856	1,626,487	319,312	134,553	910,769	295,576	220,951	30,209			
	RECONCILIATION	53,328	53,328	106,656	24,517	4,813	2,028	13,729	4,455	3,331	455			
	TOTAL OPERATION & MAINTENANCE	3,836,389	(245,205)	3,591,184	1,651,004	324,125	136,581	924,498	300,031	224,281	30,664			
	Depreciation	1,507,826	206,212	1,714,038	822,563	247,792	127,626	0	225,352	207,919	82,786	Dep Sch		
	Other Taxes	634,006	0	634,006	342,342	101,492	62,885	0	42,730	62,315	22,542	9		
	Income Taxes	1,337,564	(82,336)	1,255,228	677,780	200,937	123,908	0	84,599	123,374	44,630	9		
	Utility Operating Income	3,628,961	(134,135)	3,494,826	1,887,086	559,451	344,987	0	235,542	343,499	124,261	9		
	TOTAL REVENUES REQUIRED	10,944,746	(255,464)	10,689,282	5,380,775	1,433,797	795,688	924,498	888,254	961,387	304,683			
	Less Special Tariff Revenues			0	0	0	0	0	0	0	0			
	DIRECT CUSTOMER REVENUES			10,689,282	5,380,775	1,433,797	795,688	924,498	888,254	961,387	304,683			
	Cross Check =	10,689,282		10,689,282	5,380,775	1,433,797	795,688	924,498	888,254	961,387	304,683			
If available insert Labor Percentages (Code 11) from utility will affect items followed by *														

If available insert
Labor Percentages (Code 11) from utility
will affect items followed by *

0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%

	Net Cost	Base Cost	Max Day	Max Hour		
Acct. 662 allocated to small mains	58,559	34,620	10,791	13,147		
Small mains with overhead	88,960	52,593	16,394	19,973		
Total Expense less Adm. & General and less Pro Forma Adjustments		1,131,175	164,519	69,387		
% Small Mains to Total Expense		4.65%	9.96%	28.78%		
Small Mains with Adm. & General and Pro Forma Adjustments* Allocated		76,762	32,298	39,314		
Depreciation		93,428	29,947	33,631		
Other Taxes		38,894	12,266	16,492		
Income Taxes		76,984	24,284	32,651		
Utility Operating Income		214,339	67,613	90,907		
TOTAL REVENUES ALLOCATED TO SMALL MAINS		500,397	166,409	212,994		
* excluding Fuel & Power, Chemical and Waste Disposal						
Revenue Requirement from						
Small Mains						
Residential						
Remove From	427,643					
Reallocate to Blocks	576,888					
Net Adjustment	149,245					
Commercial						
Remove From	194,803					
Reallocate to Blocks	230,104					
Net Adjustment	35,301					
Industrial						
Remove From	85,675					
Reallocate to Blocks	72,808					
Net Adjustment	(12,867)					
Large General Service						
Remove From	108,681					
Reallocate to Blocks	0					
Net Adjustment	(108,681)					
Municipalities for Resale						
Remove From	62,996					
Reallocate to Blocks	0					
Net Adjustment	(62,996)					
Total						
Remove From	879,800					
Reallocate to Blocks	879,800					
Net Adjustment	0					

Customer Class	Annual Consumption			Max Day			Max Hour			Commercial		Equivalent Meters		Equivalent Services	
	Usage	MGD	%	Ave.	Antl. MGD	Excess MGD	%	Ave.	Antl. MGD	Excess MGD	%	Monthly Bills	%	Monthly No.	%
Residential	1,304,091	2,672	40.15%	225%	6,013	3,341	53.41%	330%	8,819	6,147	40.22%	186,432	91.20%	191,426	79.38%
Commercial	716,625	1,469	22.07%	195%	2,864	1,395	22.31%	240%	3,525	2,056	13.45%	14,880	7.28%	40,269	16.70%
Industrial	421,549	0.864	12.98%	130%	1,123	0.259	4.14%	170%	1,469	0.605	3.96%	624	0.31%	8,494	3.52%
Large General Service	534,747	1,096	16.47%	130%	1,425	0.329	5.26%	170%	1,863	0.767	5.02%	12	0.01%	12	0.00%
Municipalities	238,554	0.489	7.35%	175%	0.856	0.367	5.86%	250%	1,222	0.733	4.80%	24	0.01%	960	0.40%
SUBTOTAL	3,215,565	6,590	99.01%		12,280	5,690	90.98%		16,898	10,308	67.45%	201,972	98.80%	241,151	100.00%
Fire Protection	32,156	0.066	0.99%		0.630	0.564	9.02%		5,040	4,974	32.56%	2,460	1.20%	---	---
TOTAL	3,247,721	6,656	100.00%		12,910	6,254	100.00%		21,938	15,282	100.00%	204,432	100.00%	241,151	100.00%

Number of public fire protection bills ignored as immaterial
No services assigned to public fire protection; services considered to be part of hydrants.
No services assigned to private fire protection since customer generally pays for service line.
Fire Protection Consumption set at 1% of other consumption.

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Percent Allocation to Customer Groups"

DESCRIPTION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	LARGE GENERAL SERVICE	MUNICIPALITIES FOR RESALE	FIRE PROTECTION	TOTAL
Base	40.15%	22.07%	12.98%	16.47%	7.35%	0.99%	100.00%
Maximum Day	53.41%	22.31%	4.14%	5.26%	5.86%	9.02%	100.00%
Maximum Hour	40.22%	13.45%	3.96%	5.02%	4.80%	32.55%	100.00%
Commercial	91.20%	7.28%	0.31%	0.01%	0.01%	1.20%	100.00%
Meters	79.38%	16.70%	3.52%	0.00%	0.40%	—	100.00%
Services	89.84%	9.36%	0.75%	0.01%	0.05%	—	100.00%
Fire Service-Hydrants	—	—	—	—	—	100.00%	100.00%

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Cost Allocation to Customer Groups"

DESCRIPTION	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	LARGE GENERAL SERVICE	MUNICIPALITIES FOR RESALE	FIRE PROTECTION	TOTAL
Base	2,160,598	1,187,293	698,415	885,960	395,233	53,275	5,380,774
Maximum Day	765,816	319,832	59,412	75,366	84,053	129,317	1,433,796
Maximum Hour	320,042	107,051	31,486	39,941	38,181	258,987	795,688
Commercial	843,097	67,292	2,822	54	108	11,125	924,498
Meters	705,097	148,327	31,250	44	3,536	—	888,254
Services	863,671	89,989	7,230	55	442	—	961,387
Fire Service-Hydrants	—	—	—	—	—	304,883	304,883
Adjustments *	(62,276)	(21,129)	(9,142)	(11,022)	(5,740)	(1,268)	(110,574)
Small Main Adjustment	149,245	35,301	(12,867)	(108,881)	(62,998)	—	0
TOTAL COST OF SERVICE	5,745,290	1,933,956	808,606	881,718	452,815	756,322	10,578,707
Percent of COSS	54.31%	18.28%	7.64%	8.33%	4.28%	7.15%	100.00%

* for Other and for Unbilled

Special Tariff Revenues	0
Other Operating Revenues	17,853
Unbilled Revenues	92,721
Total Revenues	10,689,281

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Fire Protection Allocation"

	Equiv. Conn.
FIRE PROTECTION	
Public, monthly	17,364
Private, monthly	3,488
Total Equiv. Connections	20,852
Total Fire Protection per Cost of Service Study	756,322
Less Billing Costs	11,125
Less Hydrant Costs	304,883
Total Non-hydrant Fire Protection Costs	440,314
Total Non-hydrant Fire Protection Costs Per Equiv. Connection, monthly	21.12
Public Fire Protection Connection Costs	366,667
Plus Hydrant Costs	304,883
Total Public Fire Protection Costs	671,550
Total Private Fire Protection Connection Costs	73,647
Plus Billing Costs	11,125
Plus Hydrant Costs	0
Total Private Fire Protection Costs	84,772

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Private Fire Protection Rates"

Private Fire Prot.	Ratio #	Monthly COSS Rates	Monthly Staff Rates
less than 3"	0.056	5.70	6.00
3	0.162	7.93	8.00
4	0.344	11.79	12.00
6	1.000	25.64	26.00
8	2.131	49.52	50.00
10	3.832	85.45	85.00
12	6.190	135.24	135.00
16	13.192	283.08	283.00

- ratio based on capacity

Per Hydrant C \$464.10 Customer Hydrants	Total Cost	Municipal Paid	Customer Surcharge	MONTHLY BILLS					Fire Prot Bills	Equiv. Fire Prot Bills	Monthly Rates					Actual Surcharge Revenues Per Hydrant
				5/8"	3/4"	1"	1 1/2"				5/8"	3/4"	1"	1 1/2"		
Total	1,447	671,550	0	671,550	194,400	288	4,452	3,744	202,894	224,682	0.00	0.00	0.00	0.00	0	671,541
Outside	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0	0
Danville	1,228	569,912	0	569,912	144,284	264	3,456	3,264	151,248	169,620	3.36	5.04	8.40	16.80	569,923	10.26
Tilton	113	52,443	0	52,443	11,892	12	144	96	12,144	12,750	4.11	6.17	10.28	20.55	52,403	8.96
Kickapoo	36	16,708	0	16,708	11,892	12	216	84	12,204	12,870	1.30	1.95	3.25	6.50	16,731	28.25
Westville	18	8,354	0	8,354	9,648	0	108	108	9,864	10,458	0.80	1.20	2.00	4.00	8,366	45.67
Lynch	21	9,746	0	9,746	12,228	0	384	180	12,792	14,088	0.69	1.04	1.73	3.45	9,723	50.76
Bismark	31	14,387	0	14,387	4,476	0	144	12	4,632	4,896	2.94	4.41	7.35	14.70	14,394	12.45

Total cost per fire protection customer based on number of Hydrants

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Equiv. Meters and Services"

ITEM	METER RATIO	SERVICE RATIO	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	LARGE GENERAL SERVICE	MUNICIPALITIES FOR RESALE	TOTAL
METER SIZE								
5/8" disk	1.0	1.0	183715	9844	69	0	0	193628
3/4" disk	1.5	1.1	264	36	0	0	0	300
1" disk	2.5	1.4	2130	2130	112	0	0	4372
1 1/2" disk	5.0	1.8	226	1182	75	0	0	1483
2" disk	8.0	2.5	85	1312	180	0	0	1577
3" disk	15.0	3.0	12	88	0	0	0	100
4" disk	25.0	4.0	0	48	12	0	0	60
6" disk	50.0	5.0	0	0	0	0	0	0
8" disk	80.0	6.0	0	0	0	0	0	0
10" disk	115.0	6.5	0	12	0	0	0	12
12" disk	168.0	7.0	0	0	0	0	0	0
3" turbine	17.5	3.0	0	168	24	0	12	204
4" turbine	30.0	4.0	0	60	120	0	0	180
6" turbine	62.5	5.0	0	0	32	0	12	44
8" turbine	90.0	6.0	0	0	0	0	0	0
10" turbine	145.0	6.5	0	0	0	0	0	0
LGs 6" turb	62.5	5.0	0	0	0	12	0	12
Equiv Meters			191426	40269	8484	12	960	241151
Equiv Services			187643	19551	1571	12	96	208873

Act. No.	Account	Utility Depreciation	Staff Adjust.	Net Cost	Base Cost	Extra Capacity Max Day	Max Hour	Billing	Customer Costs Meter	Services	Fire Service	Alloc. Code
INTANGIBLE PLANT												
301	Organization	0	0	0	0	0	0	0	0	0	0	1
302	Franchises	0	0	0	0	0	0	0	0	0	0	1
303	Miscellaneous	0	0	0	0	0	0	0	0	0	0	1
SOURCE OF SUPPLY PLANT												
304	Land and land rights	44,451	0	0	0	0	0	0	0	0	0	13
305	Structures and improvements	5,555	0	0	4,888	688	0	0	0	0	0	13
306	Collecting reservoirs	20,668	0	0	20,668	0	0	0	0	0	0	1
307	Intakes	10,795	0	0	8,230	2,565	0	0	0	0	0	2
308	Wells	2,718	0	0	2,072	646	0	0	0	0	0	2
309	Infiltration Galleries	0	0	0	0	0	0	0	0	0	0	2
310	Supply mains	4,714	0	0	3,594	1,120	0	0	0	0	0	2
311	Other plant	0	0	0	0	0	0	0	0	0	0	2
PUMPING PLANT												
312	Land and land rights	57,714	0	0	0	0	0	0	0	0	0	13
313	Structures and improvements	6,661	0	0	3,938	1,228	0	0	0	0	0	13
314	Power Generation Equip.	6,695	0	0	3,958	1,234	0	0	0	0	0	12
315	Other power production	0	0	0	0	0	0	0	0	0	0	12
316	Steam pumping	0	0	0	0	0	0	0	0	0	0	12
317	Electrical Pumping	44,358	0	0	26,225	8,174	9,959	0	0	0	0	12
318	Diesel Pumping	0	0	0	0	0	0	0	0	0	0	12
319	Other Plant & Misc. Equip.	0	0	0	0	0	0	0	0	0	0	12
WATER TREATMENT PLANT												
320	Land and land rights	605,384	0	0	0	0	0	0	0	0	0	13
321	Structures and improvements	318,246	0	0	242,620	75,626	0	0	0	0	0	13
322	Water treatment	287,148	0	0	218,912	68,236	0	0	0	0	0	2
323	Other Plant & Misc. Equip.	0	0	0	0	0	0	0	0	0	0	2
TRANSMISSION/DISTRIBUTION												
324	Land and land rights	745,980	0	0	0	0	0	0	0	0	0	13
325	Structures and improvements	11,251	0	0	2,450	764	1,437	0	0	0	0	13
326	Dist. reservoirs and standpipes	33,076	0	0	33,076	0	0	0	0	0	0	4
327	Mains	270,627	0	0	159,896	49,872	69,759	0	0	0	0	12
328	Services	173,660	0	0	173,660	0	0	0	0	0	0	7
329	Meters	185,152	0	0	185,152	0	0	0	0	0	0	6
330	Meter installations	3,069	0	0	3,069	0	0	0	0	0	0	6
331	Hydrants	69,145	0	0	69,145	0	0	0	0	0	0	8
332	Backflow Prevention Devices	0	0	0	0	0	0	0	0	0	0	7
333	Other Plant & Misc. Equip.	0	0	0	0	0	0	0	0	0	0	13
GENERAL PLANT												
334	Land and land rights	290,103	0	0	0	0	0	0	0	0	0	9
335	Structures and improvements	38,345	0	0	18,402	5,343	2,865	0	0	0	0	9
336	Office furniture	104,897	0	0	50,340	15,165	7,811	0	0	0	0	9
337	Transportation	81,950	0	0	38,328	11,947	6,102	0	0	0	0	9
338	Stores	1,221	0	0	586	177	91	0	0	0	0	9
339	Tools etc	26,436	0	0	12,687	3,822	1,988	0	0	0	0	9
340	Laboratory	5,585	0	0	2,890	807	416	0	0	0	0	9
341	Power operated	6,989	0	0	3,354	1,010	520	0	0	0	0	9
342	Communications	15,517	0	0	7,447	2,243	1,155	0	0	0	0	9
343	Miscellaneous	9,163	0	0	4,397	1,325	682	0	0	0	0	9
344	Other Tangible Plant	0	0	0	0	0	0	0	0	0	0	9
345	RECONCILIATION	(235,816)	0	0	(113,168)	(34,091)	(17,559)	0	0	0	0	9
TOTAL DEPRECIATION												
Allocation Code 9 Calculation		1,507,826	0	1,507,826	723,802	217,981	112,272	0	198,241	182,904	72,826	4.83% 100.00%
Cross check =		1,507,826		1,507,826	47.99%	14.46%	7.45%	0.00%	13.15%	12.13%		

ILLINOIS COMMERCE COMMISSION
Cost of Service Study
"Explanation of Allocation Codes"

- 1 This code refers to allocations made 100 percent to Base Cost. Base Costs are costs which tend to vary with the quantity of water used and do not contain elements necessary to meet variations in demand.
- 2 This code refers to allocations divided between Base Cost and Extra Capacity Cost on the ratio of the average annual consumption per day to the maximum consumption on the Maximum Day. Extra Capacity costs are those costs associated with meeting rate of use requirements in excess of the average.
- 3 This code refers to allocations divided between Base Cost and Extra Capacity Cost on the ratio of the average annual consumption per day to the maximum hourly consumption.
- 4 This code refers to allocations made 100 percent to Extra Capacity - Maximum Hour.
- 5 This code refers to allocations made 100 percent to commercial costs associated with serving customers irrespective to the amount of water used or the maximum demand. They include meter reading, billing, customer accounting and collection expenses.
- 6 This code refers to allocations made 100 percent to maintenance and capital charges on customer meters.
- 7 This code refers to allocations made 100 percent to maintenance and capital charges on customer services.
- 8 This code refers to allocations made 100 percent to Fire Protection - Hydrants.
- 9 This code refers to allocations divided among various cost functions in the same ratio as the average allocation of plant in service as developed and shown on page 6 of 17 of this Schedule.
- 10 This code refers to allocations divided among various cost functions in the same ratio as the average allocation of operating and maintenance expenses has been allocated before administrative and general expenses and without considering fuel, power and chemical costs.
- 11 This code refers to allocations divided among various cost functions in the same ratio as the average allocation of labor costs if available or on the basis of Allocation Code 10 if not.
- 12 This code refers to allocations divided among Base Cost, Extra Capacity - Maximum Day and Extra Capacity - Maximum Hour.
- 13 This code refers to allocations divided among various cost functions in the same percentage ratio as the average of all items in that subgroup.

BILL COMPARISON
CONSUMERS ILLINOIS WATER COMPANY - VERMILION

Docket Nos. 00-0337/00-0338/00-0339 Consolidated
ICC Staff Exhibit 12.00
Schedule 12.01B

Charge*	Current	Company Proposed	Staff Proposed
Facilities Charge	\$10.00	\$12.27	\$12.00
Usage Charge (Ccf)	\$2,344.00	\$2,876.00	\$2,871.00
Fire Surcharge	\$2.85	\$3.50	\$3.36

Line Number	Usage (Ccf)	Usage (Gallons)	Current Monthly Bill	Company Proposed Monthly Bill	Dollar Increase	Percent Increase	Staff Proposed Monthly Bill	Dollar Increase	Percent Increase
1	1	748	\$15.19	\$18.65	\$3.46	22.8%	\$18.23	\$3.04	20.0%
2	2	1496	\$17.54	\$21.52	\$3.98	22.7%	\$21.10	\$3.56	20.3%
3	3	2244	\$19.88	\$24.40	\$4.52	22.7%	\$23.97	\$4.09	20.6%
4	4	2992	\$22.23	\$27.27	\$5.04	22.7%	\$26.84	\$4.61	20.7%
5	5	3740	\$24.57	\$30.15	\$5.58	22.7%	\$29.72	\$5.15	21.0%
6	6	4488	\$26.91	\$33.03	\$6.12	22.7%	\$32.59	\$5.68	21.1%
7	7	5236	\$29.26	\$35.90	\$6.64	22.7%	\$35.46	\$6.20	21.2%
8*	8	5984	\$31.60	\$38.78	\$7.18	22.7%	\$38.33	\$6.73	21.3%
9	9	6732	\$33.95	\$41.65	\$7.70	22.7%	\$41.20	\$7.25	21.4%
10	10	7481	\$36.29	\$44.53	\$8.24	22.7%	\$44.07	\$7.78	21.4%

* Denotes typical residential customer with a 5/8 inch meter in Danville

STAFF COMPUTATION OF PROFORMA PRESENT REVENUES
CONSUMERS ILLINOIS WATER COMPANY - WOODHAVEN

Docket Nos. 00-0337/00-0338/00-0339 Consolidated
ICC Staff Exhibit 12.00
Schedule 12.02

PROFORMA PRESENT REVENUES									
	Per Company			Adjustments			Per Staff		
	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue
CUSTOMER CHARGES									
Residential Nonmetered									
Campsites	74,028	\$6.32	\$467,857				74,028	\$6.32	\$467,857
Residential Metered									
5/8" disk	-	\$5.50	\$0				-	\$5.50	\$0
3/4" disk	-	\$6.60	\$0				-	\$6.60	\$0
1" disk	48	\$9.35	\$449				48	\$9.35	\$449
1 1/2" disk	-	\$17.33	\$0				-	\$17.33	\$0
2" disk	-	\$20.90	\$0				-	\$20.90	\$0
3" disk	-	\$59.40	\$0				-	\$59.40	\$0
Commercial Metered									
5/8" disk	120	\$5.50	\$660				120	\$5.50	\$660
3/4" disk	60	\$6.60	\$396				60	\$6.60	\$396
1" disk	36	\$9.35	\$337				36	\$9.35	\$337
1 1/2" disk	24	\$17.33	\$416				24	\$17.33	\$416
2" disk	156	\$20.90	\$3,260				156	\$20.90	\$3,260
3" disk	12	\$118.80	\$1,426				12	\$59.40	\$713
SUBTOTAL			\$474,800			-\$713			\$474,087
USAGE CHARGES	4.7	\$2.75	\$12,925				4.7	\$2.75	\$12,925
OTHER REVENUE									
Forfeited Discounts									\$16,897
Non Sufficient Funds									\$135
Water Property Rents									\$240
Other Water Revenue									\$6,922
SUBTOTAL			\$16,236			\$7,958			\$24,194
TOTAL REVENUE			\$503,961			\$7,245			\$511,206

Docket Nos. 00-0337/00-0338/00-0339 Consolidated
ICC Staff Exhibit 12.00
Schedule 12.02A

STAFF COMPUTATION OF PROFORMA PROPOSED REVENUE AND REVENUE REQUIREMENT
CONSUMERS ILLINOIS WATER COMPANY - WOODHAVEN

PROFORMA PROPOSED REVENUES										REVENUE REQUIREMENT			
	Per Company			Adjustments			Per Staff			Per Staff			
	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	
CUSTOMER CHARGES													
Residential Nonmetered													
Campsites	74,028	\$9.97	\$738,036		-\$0.25	-\$18,484	74,028	\$9.72	\$719,552	74,028	\$9.35	\$692,162	
Residential Metered													
5/8" disk	-	\$8.68	\$0				-	\$8.68	\$0	-	\$8.14	\$0	
3/4" disk	-	\$10.41	\$0				-	\$10.41	\$0	-	\$9.77	\$0	
1" disk	48	\$14.75	\$708				48	\$14.75	\$708	48	\$13.84	\$664	
1 1/2" disk	-	\$27.34	\$0				-	\$27.34	\$0	-	\$25.65	\$0	
2" disk	-	\$32.97	\$0				-	\$32.97	\$0	-	\$30.93	\$0	
3" disk	-	\$93.70	\$0				-	\$93.70	\$0	-	\$87.91	\$0	
Commercial Metered													
5/8" disk	120	\$8.68	\$1,041			\$1	120	\$8.68	\$1,042	120	\$8.14	\$977	
3/4" disk	60	\$10.41	\$625				60	\$10.41	\$625	60	\$9.77	\$586	
1" disk	36	\$14.75	\$531				36	\$14.75	\$531	36	\$13.84	\$498	
1 1/2" disk	24	\$27.34	\$656				24	\$27.34	\$656	24	\$25.65	\$616	
2" disk	156	\$32.97	\$5,143				156	\$32.97	\$5,143	156	\$30.93	\$4,825	
3" disk	12	\$187.40	\$2,249			-\$93.70	12	\$93.70	\$1,124	12	\$87.91	\$1,055	
			\$748,989			-\$19,608			\$729,381			\$701,383	
USAGE CHARGES	4.7	\$4.34	\$20,389			\$9	4.7	\$4.34	\$20,398	4.7	\$4.11	\$19,317	
OTHER REVENUES													
Forfeited Discounts									\$26,655			\$25,006	
Non Sufficient Funds									\$405			\$405	
Water Property Rents									\$240			\$240	
Other Water Revenue									\$9,074			\$10,244	
SUBTOTALS			\$25,612			\$10,762			\$36,374			\$35,895	
TOTAL REVENUES			\$794,990			-\$8,836			\$786,153			\$756,595	

BILL COMPARISON
CONSUMERS ILLINOIS WATER COMPANY - WOODHAVEN

Charge	Current	Company Proposed	Staff Proposed
Facilities Charge	\$6.32	\$9.72	\$9.35
Usage Charge (Ccf)	\$0.00	\$0.00	\$0.00
Fire Surcharge	\$0.00	\$0.00	\$0.00

Line Number	Usage (Ccf)	Usage (Gallons)	Current Monthly Bill	Company Proposed Monthly Bill	Dollar Increase	Percent Increase	Staff Proposed Monthly Bill	Dollar Increase	Percent Increase
1	1	748	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
2	2	1496	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
3	3	2244	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
4	4	2992	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
5	5	3740	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
6	6	4488	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
7	7	5236	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
8	8	5984	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
9	9	6732	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%
10	10	7481	\$6.32	\$9.72	\$3.40	53.8%	\$9.35	\$3.03	47.9%

Note typical customer is a campsite customer which comprises 99.4% of entire customer base in Woodhaven.